



Attorney's Docket No.: 17979-028001 / 99023PUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Karl-Heinz Schuster  
Patent No. : 6,801,364  
Issue Date : October 5, 2004  
Serial No. : 09/760,066  
Filed : January 12, 2001  
Title : PROJECTION OBJECTIVE FOR MICROLITHOGRAPHY

Art Unit : 2873  
Examiner : Evelyn Lester

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) CARL ZEISS SMT AG, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of an assignment from CARL-ZEISS-STIFTUNG trading as CARL ZEISS of the patent application identified above. A copy of this assignment is attached. The inventors previously assigned the above-identified patent application to CARL-ZEISS-STIFTUNG trading as CARL ZEISS, in an assignment that was recorded in the Patent and Trademark Office at Reel 011688, Frame 0416 on April 6, 2001.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints:

Sean P. Daley, Reg. No. 40,978

Christopher C. Bowley, Reg. No. 55,016

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

3/17/06  
Date of Deposit  
Signature *A. Hocking*  
*Alisa Hocking*  
Typed or Printed Name of Person Signing Certificate

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with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.  
All correspondence regarding the application should be sent to:

**PTO Customer Number: 26161**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

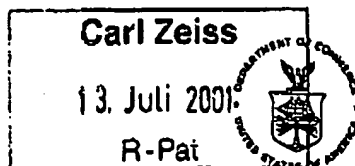
Date: February 22, 2006

i.v. Zeiler  
Dr. Andreas Zeiler  
Authorized Clerk

Date: February 17, 2006

J. Schultz  
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UNITED STATES DEPARTMENT OF COMMERCE  
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\*101680904A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/06/2001

REEL/FRAME: 011688/0416  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SCHUSTER, KARL-HEINZ

DOC DATE: 02/02/2001

ASSIGNEE:

CARL-ZEISS-STIFTUNG TRADING AS  
CART ZEISS  
D-89518 HEIDENHEIM (BREN2)  
FED  
REP GERMANY

SERIAL NUMBER: 09760066  
PATENT NUMBER:

FILING DATE: 01/12/2001  
ISSUE DATE:

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, the inventor identified below; (hereinafter referred to as ASSIGNOR), has invented a certain invention entitled: Projection Lens for Microlithography, for which application for Letters Patent of the United States (1) was executed on \_\_\_\_\_, or (2) was filed January 12, 2001, and received US Serial number 09/760,066, and

WHEREAS, Carl-Zeiss-Stiftung, a foundation organized and existing under the laws of the Federal Republic of Germany and trading as Carl Zeiss, having its principal office at 89518 Heidenheim (Brenz), Federal Republic of Germany, (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire interest in the United States in, to and under said invention, said application and the United States Letters Patent to be obtained therefor,

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers and confirms the sale, assignment and transfer to ASSIGNEE of the full and exclusive right, title and interest in the United States to said invention, said application, and all Letters Patent of the United States to be obtained on said application, and any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said application, said Letters Patent and legal equivalents thereof, as may be known and accessible to

Schuster  
(Z) 99023 P US

ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said invention, said application, said Letters Patent and said equivalents thereof, which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal on the date set forth below.

Karl-Heinz Schuster  
1<sup>st</sup> Karl-Heinz Schuster

2. Feb. 2001  
Date

Rechbergstrasse 24, D-89551 Königsbrunn, Germany  
Inventor's Residence